



AMENDMENT

in the specification:

Paragraph beginning on line 8 of page 3:

That and other objects are achieved according to the invention with a centrifugal pump of the type specified above, characterized in that the coupling formation of the rotor comprises a substantially radial transverse appendage which extends from and is integral with a drive body of substantially rigid material which is secured to the rotor, and a damping formation which is ~~moulded~~ molded in a single piece of resilient material onto the drive body and has two end portions which are ~~moulded~~ molded onto the opposite surfaces or faces of the appendage and which are to cooperate with the coupling formation of the impeller, and also an intermediate connecting and retaining portion which interconnects the end portions and extends at least partially through the drive body in such a manner that the damping formation is constrained in a stable manner, axially and angularly, on the drive body.

Paragraph beginning on line 19 of page 4:

In the embodiment illustrated by way of example, the body 2 forms a central cylindrical chamber 8 in which the rotor 7 of the electrical motor 5 is rotatably accommodated. The rotor has a central shaft 9, the upper and lower ends of which extend rotatably in corresponding supports 10 and 11 which are mounted in the ~~chamber-s~~ chambers of the body 2 with the interposition of respective toric sealing rings 12 and 13.

Paragraph beginning on line 24 of page 4:

The upper end 9a of the shaft 9 of the rotor 7 extends as far as into the working chamber 4, passing through an annular lip seal 14 which is clasped between the upper support 10 and an upper separating element ~~25~~ 15 which is substantially in the shape of a crater.

Paragraph beginning on line 16 of page 5:

As shown in particular in FIG. 5a, the drive body 26 has a substantially radial integral transverse appendage 30. In the embodiment according to FIGS. ~~8~~ 5 to 9, the appendage is substantially in the form of an inverted L, with a first and a second limb 30a and 30b (FIGS. 5a and 9) which are connected to the tubular portion 27 and to the annular projection 28, respectively.

Paragraph beginning on line 28 of page 5:

A damping formation of resilient material 35 is ~~moulded~~ molded in a single piece onto the drive body 26 and, in particular, onto the transverse appendage 30 thereof (see in particular FIGS. 5b and 6). The damping formation 35 has two end portions 35a and 35b ~~moulded~~ molded onto the opposite surfaces or faces 30c and 30d of the appendage 30, and an intermediate connecting and retaining portion 35c (see FIGS. 7 to 9) which interconnects the end portions 35a and 35b, and which extends in the slot 32 and in the passage defined by the notch 31 of the appendage 30.

Paragraph beginning on line 10 of page 6:

As a whole, the appendage 30 of the body 26 and the associated end portions 35a and 35b of the damping formation 35 constitute a transverse coupling formation which is generally

indicated 40 in FIG. 5b and the following Figures and which is to cooperate operatively with a coupling formation produced in the cavity 19 of the hub 17 of the bladed impeller 16.

Paragraph beginning on line 14 of page 6:

With reference to FIGS. 2 to 4, a coupling formation 41 in the form of an angular sector having an extension δ (FIG. 2), which is advantageously from 45.degree. to 75.degree. and is preferably approximately 60.degree., is produced in the cavity 19 of the hub 17 of the impeller 16.

Abstract:

A centrifugal pump for a household appliance includes a synchronous alternating current electrical motor having a permanent magnet rotor and a bladed impeller coupled to an end of the rotor which extends into a cavity in the hub thereof. The rotor and the hub are provided with transverse coupling formations, respectively, which have angular extensions with angular play between the rotor and the impeller for promoting the starting of the motor. The rotor coupling formation includes a transverse appendage on a rigid drive body secured to the rotor, and a resilient damping formation ~~moulded~~ molded onto the drive body and having two end portions for engaging the impeller coupling formation, and an intermediate portion which interconnects the end portions and extends at least partially through the drive body so that the damping formation as a whole is constrained axially and angularly on the drive body.